

Proposed MUN Beneficial Use Designation Process

for Surface Waters that do not have their beneficial uses identified in the Water Quality Control Plan (Basin Plan) and are not currently being utilized for Municipal or Domestic Supply

(Sources of Drinking Water Policy Resolution 88-63, section 4)

Step 1 – Water Body Category

Determine the water body's appropriate Water Body Category using Flowchart 1

Step 2 – Default MUN Beneficial Use Designations

Look up the applicable water body category and apply the associated default MUN beneficial use designation.

Water Body Category	Default MUN Beneficial Use*	Special Considerations	Policy
Non-Ag Dominated Natural, Modified or Constructed Water body	Potential MUN	<i>Need appropriate WQOs – Narrative or numeric?</i>	Sources of Drinking Water Policy (Resolution 88-63)
Ag Recirculating System	None	<i>Requires a Central Valley Water Board Executive Officer approved Management Plan that includes downstream monitoring (either individually or part of a regional monitoring program) to ensure that any discharge complies with all relevant water quality objectives.</i>	MUN exception via Resolution 88-63 2b
Closed Ag Recirculating System	None	<i>Requires a Central Valley Water Board Executive Officer approved Management Plan that characterizes system</i>	MUN exception via Resolution 88-63 2b
B1 Ag Dominated Natural Water Body used for Ag drainage	Treatable MUN	<i>Need appropriate WQOs – Narrative or numeric?</i>	
B2 Ag Dominated Natural Water Body used for Ag supply	Potential MUN	<i>Need appropriate WQOs – Narrative or numeric?</i>	Resolution 88-63
C1 Constructed Ag Drain	None	<i>Discharge must be either individually monitored or part of a Central Valley Executive</i>	MUN exception via Resolution 88-63 2b

Water Body Category	Default MUN Beneficial Use*	Special Considerations	Policy
		<i>Officer approved regional monitoring plan to assure compliance with all relevant water quality objectives.</i>	
C2 Constructed Ag Supply Channel	Potential MUN	<i>Need appropriate WQOs – Narrative or numeric?</i>	Resolution 88-63
M1 Modified or reconstructed Ag drainage natural water body	None	<i>Discharge must be either individually monitored or part of a Central Valley Executive Officer approved regional monitoring plan to assure compliance with all relevant water quality objectives.</i>	MUN exception via Resolution 88-63 2b
M2 Modified or Reconstructed Ag supply water body	Potential MUN	<i>Need appropriate WQOs – Narrative or numeric?</i>	
Unclassified Water Body	Potential MUN	<i>Need appropriate WQOs – Narrative or numeric?</i>	Resolution 88-63

* A water body with a default Potential or Treatable MUN Beneficial Use designation is eligible for additional review in step 3.

Step 3 – Optional step to further evaluate MUN exceptions

Optional step – Water bodies with a Potential or Treatable MUN designation can be evaluated for other MUN exceptions in Resolution 88-63 to de-designate the MUN use:

Evaluation Criteria	MUN Beneficial Use	Special Considerations	Relevant Policy
Total Dissolved Solids (TDS) exceed 3,000 mg/L (5,000 uS/cm, electrical conductivity) and it is not reasonably expected by Regional Boards to supply a public water system	None		MUN exception via Resolution 88-63 1a
There is contamination, either by natural processes or by human activity (unrelated to the specific pollution incident), that cannot reasonably be treated for domestic use	None		MUN exception via Resolution 88-63 1b Also 40 CFR 131.10(g)(1) and 40 CFR 131.10(g)(3) factors

using either Best Management Practices or best economically achievable treatment practices,			
The water is in systems designed or modified to collect or treat municipal or industrial wastewaters, process waters, mining wastewaters, or storm water runoff	None	<i>Discharge must be either individually monitored or part of a Central Valley Water Board Executive Officer approved regional monitoring plan to assure compliance with all relevant water quality objectives.</i>	MUN exception via Resolution 88-63 2a

Next Steps: Things to consider for Implementation

- Do all the water bodies need to be named in the Basin Plan after they go through this process? Could we use a Report or Appendix instead?
- Do we need to adopt all the water bodies into the Basin Plan using a Basin Plan Amendment process? Could we use the Triennial Review process or signature of the Executive Officer instead?
- How do we deal with newly constructed facilities or modified facilities?